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 NEWS  2           "Ask CAS" for self-help around the clock
 NEWS  3  May 12   EXTEND option available in structure searching
 NEWS  4  May 12   Polymer links for the POLYLINK command completed in REGISTRY
 NEWS  5  May 27   New UPM (Update Code Maximum) field for more efficient patent
                   SDIs in CAplus
 NEWS  6  May 27   CAplus super roles and document types searchable in REGISTRY
 NEWS  7  Jun 22   STN Patent Forums to be held July 19-22, 2004
 NEWS  8  Jun 28   Additional enzyme-catalyzed reactions added to CASREACT
 NEWS  9  Jun 28   ANTE, AQUALINE, BIOENG, CIVILENG, ENVIROENG, MECHENG,
                   and WATER from CSA now available on STN(R)
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                   resulting in a closer connection to BABS

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               MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
               AND CURRENT DISCOVER FILE IS DATED 26 APRIL 2004
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FILE 'HOME' ENTERED AT 15:24:41 ON 19 JUL 2004

=> file medline, uspatful, dgene, embase, wpids, biosis
COST IN U.S. DOLLARS                            SINCE FILE      TOTAL
                                                   ENTRY    SESSION
FULL ESTIMATED COST                                 0.42       0.42

FILE 'MEDLINE' ENTERED AT 15:25:37 ON 19 JUL 2004

FILE 'USPATFULL' ENTERED AT 15:25:37 ON 19 JUL 2004
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=> s isolated protein
   5 FILES SEARCHED...
L1       17016 ISOLATED PROTEIN

=> s secreted protein
   3 FILES SEARCHED...
L2      407105 SECRETED PROTEIN

=> s l1 and l2
L3        3839 L1 AND L2

=> s l3 and heterologous protien
L4           0 L3 AND HETEROLOGOUS PROTIEN

=> s l3 and heterologous peptide
L5           7 L3 AND HETEROLOGOUS PEPTIDE

=> d l5 ti abs ibib tot

L5   ANSWER 1 OF 7  USPATFULL on STN
TI     Leptin-related peptides
AB     The present invention relates to methods and compositions containing
       novel leptin peptides, preferably for the modulation of body mass (i.e.,
       weight), more specifically for novel diagnostic and therapeutic
       applications in homeostasis of body weight and adipose tissue mass.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
ACCESSION NUMBER:        2004:57925  USPATFULL
TITLE:                   Leptin-related peptides
INVENTOR(S):             Grasso, Patricia, Albany, NY, UNITED STATES
                         Lee, Daniel W., Schenectady, NY, UNITED STATES
                         Leinung, Matthew C., Albany, NY, UNITED STATES

                              NUMBER        KIND    DATE
                         ---------------- ------ --------
PATENT INFORMATION:      US 2004043932      A1   20040304
APPLICATION INFO.:       US 2003-458334     A1   20030609  (10)
RELATED APPLN. INFO.:    Division of Ser. No. US 1999-377081, filed on 19 Aug
                         1999, PENDING

                                NUMBER         DATE
                         ------------------ --------
PRIORITY INFORMATION:    US 1998-97457P     19980821 (60)
DOCUMENT TYPE:           Utility
FILE SEGMENT:            APPLICATION
LEGAL REPRESENTATIVE:    MINTZ, LEVIN, COHN, FERRIS, GLOVSKY, AND POPEO, P.C.,
                         ONE FINANCIAL CENTER, BOSTON, MA, 02111
NUMBER OF CLAIMS:        42
EXEMPLARY CLAIM:         1
NUMBER OF DRAWINGS:      24 Drawing Page(s)
LINE COUNT:              3284
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5   ANSWER 2 OF 7  USPATFULL on STN
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TI Methods and materials relating to CD39-like polypeptides
AB The invention provides novel polynucleotides isolated from cDNA libraries of human fetal liver-spleen and macrophage as well as polypeptides encoded by these polynucleotides and mutants or variants thereof. The polypeptides correspond to a novel human CD39-like protein. Other aspects of the invention include vectors containing polynucleotides of the invention and related host cells as well a processes for producing novel CD39-like polypeptides, and antibodies specific for such polypeptides.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER:	2003:250966 USPATFULL		
TITLE:	Methods and materials relating to CD39-like polypeptides		
INVENTOR(S):	Ford, John, San Mateo, CA, UNITED STATES Mulero, Julio J., Palo Alto, CA, UNITED STATES Yeung, George, Mountain View, CA, UNITED STATES		
	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003175752	A1	20030918
APPLICATION INFO.:	US 2002-286926	A1	20021101 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2000-557800, filed on 25 Apr 2000, GRANTED, Pat. No. US 6476211 Continuation-in-part of Ser. No. US 2000-481238, filed on 11 Jan 2000, ABANDONED Continuation-in-part of Ser. No. US 1999-370265, filed on 9 Aug 1999, GRANTED, Pat. No. US 6447771 Continuation-in-part of Ser. No. WO 1999-US16180, filed on 16 Jul 1999, PENDING Continuation-in-part of Ser. No. US 1999-350836, filed on 9 Jul 1999, GRANTED, Pat. No. US 6387645 Continuation-in-part of Ser. No. US 1999-273447, filed on 19 Mar 1999, ABANDONED Continuation-in-part of Ser. No. US 1998-122449, filed on 24 Jul 1998, ABANDONED Continuation-in-part of Ser. No. US 1999-244444, filed on 4 Feb 1999, ABANDONED Continuation of Ser. No. US 1998-118205, filed on 16 Jul 1998, PENDING		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	Luisa Bigornia, HYSEQ, INC., 670 Almanor Avenue, Sunnyvale, CA, 94085		
NUMBER OF CLAIMS:	46		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	13 Drawing Page(s)		
LINE COUNT:	5637		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 3 OF 7 USPATFULL on STN
TI Libraries of expressible gene sequences
AB The invention described herein comprises libraries of expressible gene sequences. Such gene sequences are contained on plasmid vectors designed to endow the expressed proteins with a number of useful features such as affinity purification tags, epitope tags, and the like. The expression vectors containing such gene sequences can be used to transfect cells for the production of recombinant proteins. A further aspect of the invention comprises methods of identifying binding partners for the products of such expressible gene sequences.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER:	2003:194491 USPATFULL
TITLE:	Libraries of expressible gene sequences
INVENTOR(S):	Fernandez, Joseph Manuel, Carlsbad, CA, UNITED STATES Heyman, John Alastair, Cardiff-by-the-Sea, CA, UNITED STATES

Hoeffler, James Paul, Carlsbad, CA, UNITED STATES
PATENT ASSIGNEE(S): INVITROGEN CORPORATION (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003134302	A1	20030717
APPLICATION INFO.:	US 2002-210985	A1	20020801 (10)

RELATED APPLN. INFO.: Continuation of Ser. No. US 2001-3021, filed on 14 Nov 2001, PENDING Continuation of Ser. No. US 1999-285386, filed on 2 Apr 1999, ABANDONED

	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-96981P	19980818 (60)
	US 1998-80626P	19980403 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: Lisa A. Haile, J.D., Ph.D., GRAY CARY WARE & FREIDENRICH LLP, Suite 1100, 4365 Executive Drive, San Diego, CA, 92121-2133
NUMBER OF CLAIMS: 40
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 1 Drawing Page(s)
LINE COUNT: 9810
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 4 OF 7 USPATFULL on STN
TI Libraries of expressible gene sequences
AB The invention described herein comprises libraries of expressible gene sequences. Such gene sequences are contained on plasmid vectors designed to endow the expressed proteins with a number of useful features such as affinity purification tags, epitope tags, and the like. The expression vectors containing such gene sequences can be used to transfect cells for the production of recombinant proteins. A further aspect of the invention comprises methods of identifying binding partners for the products of such expressible gene sequences.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
ACCESSION NUMBER: 2003:106252 USPATFULL
TITLE: Libraries of expressible gene sequences
INVENTOR(S): Fernandez, Joseph Manuel, Carlsbad, CA, UNITED STATES
Heyman, John Alastair, Cardiff-by-the-Sea, CA, UNITED STATES
Hoeffler, James Paul, Carlsbad, CA, UNITED STATES
PATENT ASSIGNEE(S): INVITROGEN CORPORATION (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003073163	A1	20030417
APPLICATION INFO.:	US 2001-3021	A1	20011114 (10)

RELATED APPLN. INFO.: Continuation of Ser. No. US 1999-285386, filed on 2 Apr 1999, PENDING

	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-96981P	19980818 (60)
	US 1998-80626P	19980403 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: Lisa A. Haile, J.D., Ph.D., GRAY CARY WARE & FREIDENRICH LLP, Suite 1100, 4365 Executive Drive, San Diego, CA, 92121-2133
NUMBER OF CLAIMS: 40
EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 1 Drawing Page(s)
LINE COUNT: 9813
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 5 OF 7 USPATFULL on STN
TI Methods for regulation of immune responses to conditions involving mediator-induced pathology
AB The present invention relates to methods for inhibiting the release and/or biological activity of the cytokine macrophage migration inhibitory factor (MIF). In particular, the invention relates to the uses of such methods for the treatment of various conditions involving mediator-induced diseases or pathology, which include, but are not limited to sepsis, severe sepsis, septic shock, inflammation, graft versus host disease, and/or autoimmune diseases.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
ACCESSION NUMBER: 2002:336863 USPATFULL
TITLE: Methods for regulation of immune responses to conditions involving mediator-induced pathology
INVENTOR(S): Calandra, Thierry, Lausanne, SWITZERLAND
Roger, Thierry, Lausanne, SWITZERLAND
Glauser, Michel P., Lausanne, SWITZERLAND

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 2002192217	A1	20021219	
APPLICATION INFO.:	US 2002-94732	A1	20020307	(10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-274004P	20010307 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: MINTZ, LEVIN, COHN, FERRIS,, GLOVSKY and POPEO, P.C., One Financial Center, Boston, MA, 02111
NUMBER OF CLAIMS: 29
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 9 Drawing Page(s)
LINE COUNT: 2979
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 6 OF 7 USPATFULL on STN
TI Methods and materials relating to CD39-like polypeptides
AB The invention provides polynucleotides isolated from cDNA libraries of human fetal liver-spleen and macrophage as well as polypeptides encoded by these polynucleotides and mutants or variants thereof. The polypeptides correspond to a human CD39-like protein. Other aspects of the invention include vectors containing polynucleotides of the invention and related host cells as well a processes for producing CD39-like polypeptides, and antibodies specific for such polypeptides.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
ACCESSION NUMBER: 2002:291077 USPATFULL
TITLE: Methods and materials relating to CD39-like polypeptides
INVENTOR(S): Ford, John, San Mateo, CA, United States
Mulero, Julio J., Palo Alto, CA, United States
Yeung, George, Mountain View, CA, United States
PATENT ASSIGNEE(S): Hyseq, Inc., Sunnyvale, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6476211	B1	20021105

APPLICATION INFO.: US 2000-557800 20000425 (9)
RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 2000-481238, filed on 11 Jan 2000, now abandoned Continuation-in-part of Ser. No. US 1999-370265, filed on 9 Aug 1999 Continuation-in-part of Ser. No. WO 1999-US16180, filed on 16 Jul 1999 Continuation-in-part of Ser. No. US 1999-350836, filed on 9 Jul 1999 Continuation-in-part of Ser. No. US 1999-273447, filed on 19 Mar 1999, now abandoned Continuation-in-part of Ser. No. US 1998-122449, filed on 24 Jul 1998, now abandoned Continuation-in-part of Ser. No. US 557800 Continuation-in-part of Ser. No. US 1999-244444, filed on 4 Feb 1999, now abandoned Continuation of Ser. No. US 1998-118205, filed on 16 Jul 1998, now abandoned
DOCUMENT TYPE: Utility
FILE SEGMENT: GRANTED
PRIMARY EXAMINER: Saunders, David
ASSISTANT EXAMINER: DeCloux, Amy
LEGAL REPRESENTATIVE: Marshall, Gerstein & Borun
NUMBER OF CLAIMS: 11
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 11 Drawing Figure(s); 11 Drawing Page(s)
LINE COUNT: 5844
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 7 OF 7 USPATFULL on STN
TI Methods and materials relating to CD39-like polypeptides
AB The invention provides novel polynucleotides isolated from cDNA libraries of human fetal liver-spleen and macrophage as well as polypeptides encoded by these polynucleotides and mutants or variants thereof. The polypeptides correspond to a novel human CD39-like protein. Other aspects of the invention include vectors containing polynucleotides of the invention and related host cells as well a processes for producing novel CD39-like polypeptides, and antibodies specific for such polypeptides.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
ACCESSION NUMBER: 2002:926 USPATFULL
TITLE: Methods and materials relating to CD39-like polypeptides
INVENTOR(S): Ford, John, San Mateo, CA, United States
Mulero, Julio J., Palo Alto, CA, United States
Yeung, George, Mountain View, CA, United States
PATENT ASSIGNEE(S): Hyseq, Inc., Sunnyvale, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6335013	B1	20020101
APPLICATION INFO.:	US 2000-608285		20000630 (9)

RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 2000-583231, filed on 26 May 2000 Continuation-in-part of Ser. No. US 2000-557800, filed on 25 Apr 2000 Continuation-in-part of Ser. No. US 2000-481238, filed on 11 Jan 2000 Continuation-in-part of Ser. No. US 1999-370265, filed on 9 Aug 1999 Continuation-in-part of Ser. No. WO 1999-US16180, filed on 16 Jul 1999 Continuation-in-part of Ser. No. US 1999-350836, filed on 9 Jul 1999 Continuation-in-part of Ser. No. US 1999-273447, filed on 19 Mar 1999
DOCUMENT TYPE: Utility
FILE SEGMENT: GRANTED
PRIMARY EXAMINER: Saunders, David
ASSISTANT EXAMINER: DeCloux, Amy

LEGAL REPRESENTATIVE: Marshall, Gerstein & Borun
NUMBER OF CLAIMS: 17
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 11 Drawing Figure(s); 11 Drawing Page(s)
LINE COUNT: 4738
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> e ruben, s/au
E1 1 RUBEN ZANCHETTA JOSE/AU
E2 2 RUBEN ZORRO/AU
E3 0 --> RUBEN, S/AU
E4 8 RUBENACH B/AU
E5 8 RUBENACH BERNHARD/AU
E6 2 RUBENACH GERZ K/AU
E7 1 RUBENACH I/AU
E8 1 RUBENACH J/AU
E9 12 RUBENACH S/AU
E10 1 RUBENACH S E/AU
E11 4 RUBENACH SALLY/AU
E12 1 RUBENACH SALLY E/AU

=> e rosen, c/au
E1 2 ROSEN ZVI MICHAL/AU
E2 1 ROSEN ZWEIG JAMES/AU
E3 0 --> ROSEN, C/AU
E4 1 ROSENA BRUCE R/AU
E5 1 ROSENABUM S/AU
E6 1 ROSENACKER A F/AU
E7 1 ROSENACKER ARTHUR F/AU
E8 4 ROSENADA CEPERO R/AU
E9 1 ROSENAGER L/AU
E10 1 ROSENAK B/AU
E11 58 ROSENAK B D/AU
E12 24 ROSENAK D/AU

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E3 0 --> ZENG, Z/AU
E4 6 ZENGA A/AU
E5 3 ZENGA A I/AU
E6 2 ZENGA ANTONIO/AU
E7 6 ZENGA F/AU
E8 3 ZENGA FRANCESCO/AU
E9 1 ZENGA G B/AU
E10 1 ZENGA W/AU
E11 2 ZENGAFFINE J/AU
E12 1 ZENGAFFINEN JOSEF/AU

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E1 4 MOORE ZACK J/AU
E2 3 MOORE ZAKHIA/AU
E3 0 --> MOORE, P/AU
E4 1 MOOREADIAN ARSHAG D/AU
E5 1 MOOREAU J/AU
E6 1 MOORECRAFT P/AU
E7 3 MOORECROFT B J/AU
E8 1 MOORECROFT JAMES/AU
E9 1 MOORED J A/AU
E10 1 MOORED J W/AU
E11 1 MOOREE J H/AU
E12 1 MOOREES C F/AU